

**Pressure saturation and pressure release of liquids for introduction into a flotation cell**

**A b s t r a c t**

Apparatus for pressure saturation of a liquid with a gas comprising

- a gas-containing pressure saturation vessel (1),
- one or more nozzles (8) for injecting liquid into the pressure saturation vessel (1) at the top of the pressure saturation vessel (1)
- tubes (4) which are open at the top and closed at the bottom and are disposed beneath the nozzle or nozzles (8) in the pressure saturation vessel (1), one or more nozzles (8) being assigned to each dissolver tube (4), and
- liquid outlet (16) beneath the dissolver tubes (4) at the bottom of the pressure saturation vessel (1).